

ECO SERIES PIGTAILED PHOTODIODE

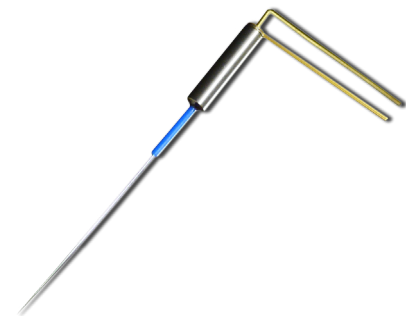
PIPD Eco Series

Key Features

- ◆ Mini Coaxial Package
- ◆ Cost Effective
- ◆ RoHS 6/6 Compliant

Applications

- ◆ Network Power Monitoring
- ◆ Test & Measurement
- ◆ Instrumentation



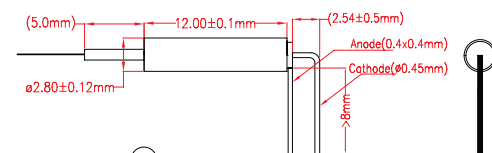
Performance Specifications

Parameters		Specification		Unit
Operating Wavelength Range		1260~1360	1510~1610	nm
Optical	Return Loss (exclude connector)	≥ 35		dB
Monitoring	Responsivity (relative to nominal power at input port)	≥ 0.7	≥ 0.8	A/W
	Responsivity Temperature Dependence (@1310nm or 1550nm)	≤ 0.2		dB
	Responsivity Polarization Dependence	≤ 0.15		dB
PD	PD Dark Current (@ 70°C, -5V bias)	0.5G Bandwidth	≤ 10	nA
		2.0G Bandwidth	≤ 3	nA
	Reverse Voltage (abs max rating)	≤ 20		V
	Forward Current (abs max rating)	≤ 10		mA
Input Optical Power		≤ 4		dBm
Conditions	Operating Temperature Range (<85%RH, Non-condensing)	-5 to +70		°C
	Storage Temperature Range (<85%RH, Non-condensing)	-40 to +85		°C

Dimensions

Mini Package

"P5 + 250 μm Bare Fiber" or "P5 + 900μm Loose Tube"



Note:
Anode is connected to the metal housing

Ordering Information

PIPD				E	C	O				1		G
	Wavelength	Bandwidth					Package & Fiber Type		Fiber Length			Output Connector
	1310nm = 3	0.5G = 05					P5+ 250μm bare fiber = 51		0.5meter = H			None = 1
	C+L = E	2.0G = 20					P5+ 900μm loose tube = 52		1.0meter = 1			FC/PC = 2
	1310/1550nm = D								1.5meter = 5			FC/SPC = 3
									2.0meter = 2			FC/APC = 4
												SC/PC = 5
												SC/SPC = 6
												SC/APC = 7
												ST = 8
												LC/PC = 9
												MU = A
												LC/APC = B